

1/16

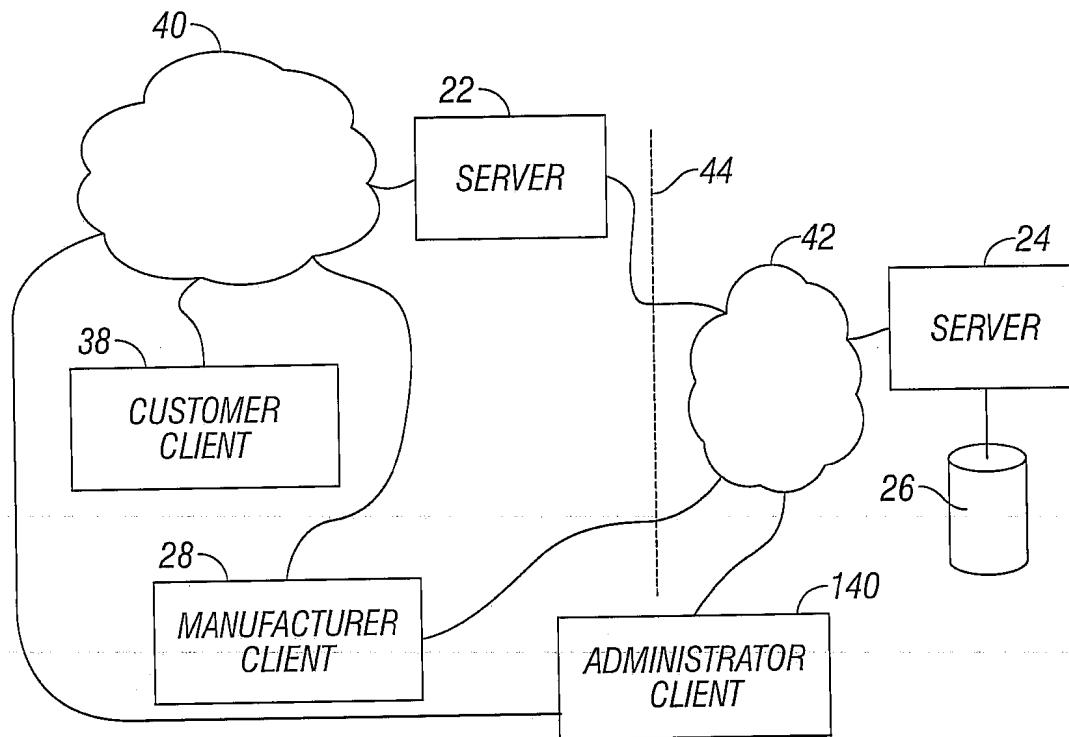


FIG. 1

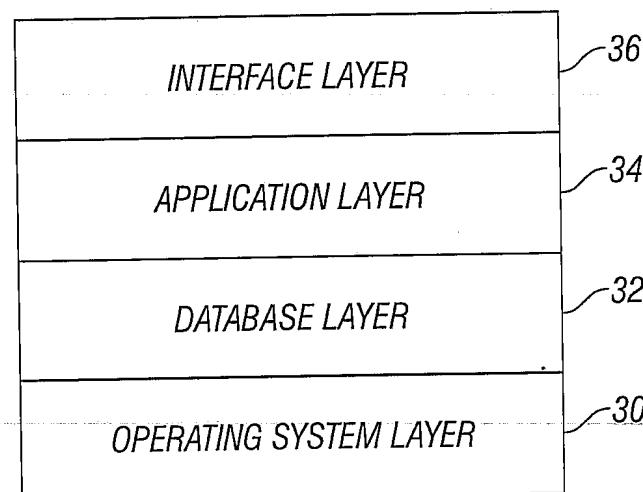


FIG. 2

2/16

The image shows a hand-drawn diagram on a computer screen. The diagram features a car with various dimensions labeled: '46' on the front fender, '48' on the rear fender, and '50' on the rear wheel. A 'Customer Login' form is overlaid on the car's front. The form includes fields for 'Log in ID:' (containing 'Wkolako') and 'Password:', a 'Submit' button, and links for 'Request a log in ID?' and 'Forgot your password?'. The background shows a standard web browser interface with tabs for 'File Edit View Favorites To > http://www.cvsengineering.com' and 'Links > Go'.

FIG. 3

3/16

COMMERCIAL VEHICLE SYSTEMS

Application Approval Request System

DANA

If you do not remember your password enter your login ID below. The password will be mailed to your email address that you had specified in the Login Request. If you have any other problems regarding login please click here to contact the site administrator.

Forgot your password?

Login ID:

Mail Password:

People Finding A Better Way

Terms of Use (C) 2002 Dana Corporation

FIG. 4

4/16

51

2

Help

Application Approval Request System

Customer Section

DANA

File Edit View Favorites To » Address Go Links >

Your Main Menu

Create New Application Submit new application to Dana

View Applications sent to Dana View list of applications sent to Dana

Draft Applications Work on the applications saved (Draft Copies)

View Your Reports Click here to view reports

Edit Your Profile Modify your profile

Change Your Password Change your password from here

Legacy Data Will open old database of documents sent to Dana

Signout Signout from here

People Finding A Better Way

Terms Of Use (C) 2002 Dana Corporation

FIG. 5

5/16

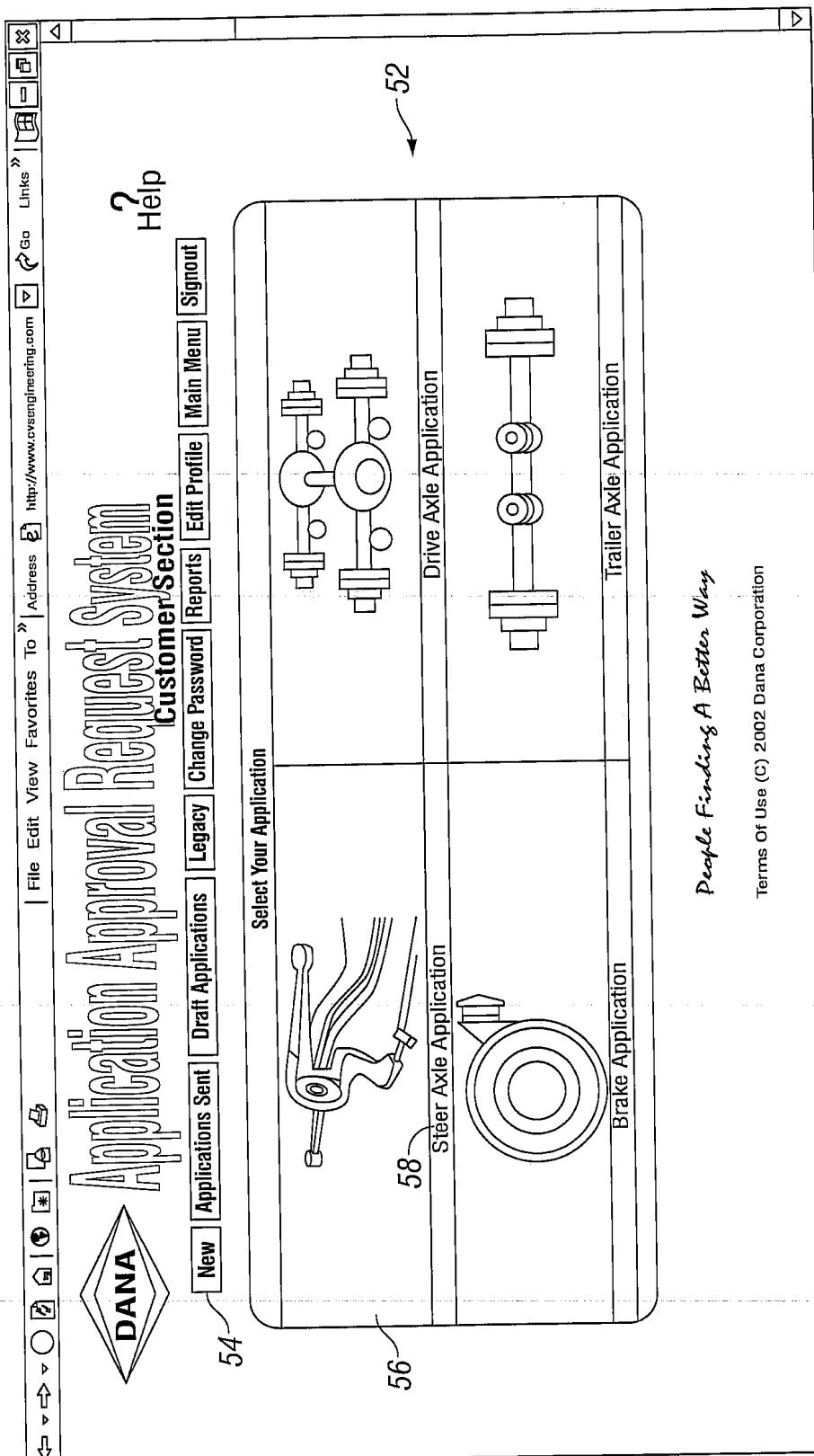


FIG. 6

6/16

FIG. 7

7/16

* Gray color indicates filled tabs

66 68 70 64 74 76 62

Brake Application

Proposal Steer Axle Brake	Proposal Drive Axle Brake	Proposal Aux. Axle Brake	
Retarder	Suspension	Steer Axle Tires	Auxiliary Axles Tires
Vehicle Info	Operating Conditions	Weight Distribution	Chassis Info

Requesters Info	Vehicle Info	Operating Conditions	Weight Distribution	Chassis Info
-----------------	--------------	----------------------	---------------------	--------------

* OEM: <input type="text" value="DANA"/>	Other: <input type="text"/>
* Dealer Stock? <input checked="" type="radio" value="Yes"/> <input type="radio" value="No"/>	<input type="text" value="72"/>
* End User: <input type="text"/>	<input type="text"/>
* Chassis/Order No: <input type="text"/>	<input type="text"/>
* Country Domiciled: <input type="text" value="USA"/>	<input type="text"/>
State of Registration: <input type="text"/>	- Pull Down To Select - <input type="button" value="▼"/>
Vehicle Model: <input type="text"/>	- Pull Down To Select - <input type="button" value="▼"/>
* Vocational: <input type="text"/>	- Pull Down To Select - <input type="button" value="▼"/>
* Vehicle Type: <input type="text"/>	- Pull Down To Select - <input type="button" value="▼"/>
Commodity Hauled: <input type="text"/>	- Pull Down To Select - <input type="button" value="▼"/>
* Configuration: <input type="text"/>	- Pull Down To Select - <input type="button" value="▼"/>
* Drive Steer Axle: <input type="text"/>	Yes: <input checked="" type="radio" value="Yes"/> <input type="radio" value="No"/>
Axle Ratio: <input type="text"/>	<input type="checkbox"/> Steer <input type="checkbox"/> Drive <input type="checkbox"/> Auxiliary
* Brake Type: <input type="text"/>	<input type="button" value="Save And Next"/>
Remarks: (Max. 500 chars.)	(Will save and display next tab)

Dana will rely on the information provided by the requester. The approval is null and void if the information supplied by the requester is incorrect or incomplete. The approval will not apply to any deviations from the stated specifications or operations; a separate Application Approval Request form must be submitted for any such deviations.

F/G. 8

8/16

File Edit View Favorites To » Address http://www.cvsengineering.com Links »

Customer Section

New Applications Sent Draft Applications Legacy Change Password Reports Edit Profile Main Menu Signout

Brake Application

* Gray color Indicates filled tabs

66	Proposal Steer Axle Brake	Proposal Drive Axle Brake	Proposal Aux. Axle Brake		
68	Retarder	Suspension	Steer Axle Tires	Drive Axle Tires	Auxiliary Axles Tires
70	Vehicle Info		Operating Conditions		
64	Requesters Info		Weight Distribution	Chassis Info	
<p>* Duty Cycle: Help <input type="button" value="Pull Down To Select - >"/></p> <p>* % Operation on Highway: <input type="text"/> miles <input type="text"/> Kilometers</p> <p>Annual Use: <input type="text"/> mph <input type="text"/> kph</p> <p>* Maximum Vehicle Speed: <input type="text"/> Other: <input type="text"/></p> <p>* Service Brake Performance Requirement: <input type="text"/> %</p> <p>Max Grade: <input type="text"/> %: <input type="text"/></p> <p>Length-Max Grade: <input type="text"/> miles <input type="text"/> Kilometers</p> <p>Remarks: (Max. 500 chars.) <input type="text"/></p> <p><input type="button" value="Save And Next"/></p>					

(Will save and display next tab)

Dana will rely on the information provided by the requester. The approval is null and void if the information supplied by the requester is incorrect or incomplete. The approval will not apply to any deviations from the stated specifications or operations; a separate Application Approval Request form must be submitted for any such deviations.

Dana will rely on the information provided by the requester. The approval is null and void if the information supplied by the requester is incorrect or incomplete. The approval will not apply to any deviations from the stated specifications or operations; a separate Application Approval Request form must be submitted for any such deviations.

FIG. 9

9/16

DANA Application Approval Request System

Customer Section

[New](#) [Applications Sent](#) [Draft Applications](#) [Legacy](#) [Change Password](#) [Reports](#) [Edit Profile](#) [Main Menu](#) [Signout](#)

Brake Application

74

76

Proposal Steer Axle Brake	Retarder	Suspension	Vehicle Info	Steer Axle Tires	Operating Conditions	Drive Axle Tires	Weight Distribution	Proposal Aux. Axle Brake	Auxiliary Axles Tires	Chassis Info
---------------------------	----------	------------	--------------	------------------	----------------------	------------------	---------------------	--------------------------	-----------------------	--------------

70 76

Requesters Info	Vehicle Info	Operating Conditions	Weight Distribution	Chassis Info
Proposal Steer Axle Brake	Proposal Drive Axle Brake	Drive Axle Tires	Proposal Aux. Axle Brake	Other: <input type="text"/>
Retarder	Steer Axle Tires	Drive Axle Tires	Auxiliary Axles Tires	Other: <input type="text"/>
Suspension	Steer Axle Tires	Drive Axle Tires	Chassis Info	0.00 mm

66 68 72

Drive Axle	Manufacturer: <input type="text"/>	Model: <input type="text"/>	Mounting Centers: <input type="text"/> in	Track: <input type="text"/> in	Type: <input type="text"/> - Pull Down To Select - <input type="text"/>	Rated Capacity: <input type="text"/> lbs <input type="text"/> Kg	Steer Axle	Manufacturer: <input type="text"/>	Rated Capacity: <input type="text"/> lbs <input type="text"/> Kg	Mounting Center: <input type="text"/> in	Track: <input type="text"/> in	Remarks: <input type="text"/> (Max. 500 chars.)
------------	------------------------------------	-----------------------------	---	--------------------------------	---	--	------------	------------------------------------	--	--	--------------------------------	---

64

Save And Next

(Will save and display next tab)

FIG. 10

Dana will rely on the information provided by the requester. The approval is null and void if the

10/16

90

New	Applications Sent	Draft Applications	Legacy	Change Password	Reports	Edit Profile	Main Menu	Signout
Applications Sent								
Pending	In Review	Approved	Conditionally Approved	Not Approved				
List Of Applications sent to DANA (4)								
Application No.	Category	Date Sent	Make New Application	View	Engineer's Remarks	View	View Report	Delete
78	80	82	New	View	View	View	88	<input type="checkbox"/>
AE0006520DA	Drive Axle	Date	New	View	View	View		<input type="checkbox"/>
AE0006303DA	Drive Axle	Date	New	View	View	View		<input type="checkbox"/>
AE0006275DA	Drive Axle	Date	New	View	View	View		<input type="checkbox"/>
AE0006250DA	Drive Axle	Date	New	View	View	View		<input type="checkbox"/>
(If check box is clicked, all applications will be selected) <input type="checkbox"/> Select all								
Delete Checked Delete								

90

People Finding A Better Way

Terms Of Use (C) 2002 Dana Corporation

FIG. 11

11/16

 **DANA Application Approval Request System** Customer Section

Help ?

New Applications Sent Draft Applications Legacy Change Password Reports Edit Profile Main Menu Signout

Draft Applications

* If the Sr. No. appears with a green background it indicates that application has been completely filled and can be sent to dana.
* Please refer this Application No. as temporary Application No. while you are in draft application list.

List Of Saved (Draft Copies) Applications (5)				
Application No.	Category	Application Date	Status	Delete
2363	Brake	Date 96	Partially Filled	<input type="checkbox"/>
2353	Brake	Date 94	Partially Filled	<input type="checkbox"/>
2352	Steer Axle	Date	Partially Filled	<input type="checkbox"/>
2351	Steer Axle	Date	Partially Filled	<input type="checkbox"/>
2338	Drive Axle	Date	Partially Filled	<input type="checkbox"/>

(If check box is clicked, all applications will be selected) Select all
 Delete Checked Delete

People Finding A Better Way

Terms Of Use (C) 2002 Dana Corporation

FIG. 12

12/16

2

Help

DANA Application Approval Request System

Customer Section

New Applications Sent Draft Applications Legacy Change Password Reports Edit Profile Main Menu Signout

Drive Axle Application Report:

DEM: Other:
Vehicle Type: Other:
Configuration: Other:
Duty Cycle: Other:
Engine: Other:
Manufacturer: Other:
Engine Model: Other:
Suspension: Other:
Manufacturer: Max Grade %:
Chassis No: Engine Gross HP:
Engine Gross Torque: lbs ft
Transmission Model: GVWR:
GCWR: Mounting Center:
GCWR: Static Loaded:
Tire Size: Radius:
Super Single / DA Type Reduction:
Dual: Drive Axle Model:
Drive Axle Options:
Drive Axle Ratio: End User:
-Pull Down To Select- Find:
-Pull Down To Select- People Finding A Better Way

98

FIG. 13

13/16

102

<i>ABC CO.</i>	<i>Agent 1</i>
<i>DEF CO.</i>	<i>Agent 2</i>
<i>GHI CO.</i>	<i>Agent 3</i>
• • •	• • •
<i>XYZ CO.</i>	<i>Agent N</i>

FIG. 14

14/16

2

Help

106

104

DANA Application Approval Request System

Engineer Section

New Pending Not Approved Approved Discarded Edit Profile Ties Reports Search Signout

Applications:

Section	No. of Applications
New Applications Received:	No Applications Available
Pending Applications:	No Applications Available
Not Approved Applications:	No Applications Available
Approved Applications:	No Applications Available
Discarded Applications:	No Applications Available

View

Search All Applications:

Enter Search Text:

Search By: Application No Company Name

Status: All Submit

People Finding A Better Way

Terms Of Use (C) 2002 Dana Corporation

FIG. 15

15/16

10

New Pending Not Approved Approved Discarded Edit Profile Ties Reports Search Signout

Approved Applications Approved

List Of Applications Approved (5012)

Application No	Company	Category	Recd On	Approval Date	Accepted By	View Report	Action	122	Owner	Delete
AE0007417DA	Kenworth	Drive Axle	Jun-26-2003	Jun-26-2003	Carl Meyer	<u>View</u>	Extension	✓	□	□
AE0007415DA	Kenworth	Drive Axle	Jun-25-2003	Jun-26-2003	Carl Meyer	<u>View</u>	Extension	✓	□	□
AE0007412DA	Kenworth	Drive Axle	Jun-25-2003	Jun-26-2003	Carl Meyer	<u>View</u>	Extension	✓	□	□
AE0007408DA	Kenworth	Drive Axle	Jun-24-2003	Jun-26-2003	Carl Meyer	<u>View</u>	Extension	✓	□	□
AE0007404DA	Kenworth	Drive Axle	Jun-24-2003	Jun-26-2003	Carl Meyer	<u>View</u>	Extension	✓	□	□
AE0007403DA	Kenworth	Drive Axle	Jun-24-2003	Jun-24-2003	Carl Meyer	<u>View</u>	Extension	✓	□	□
AE0007394DA	Kenworth	Drive Axle	Jun-20-2003	Jun-24-2003	Carl Meyer	<u>View</u>	Extension	✓	□	□
AE0007392DA	Kenworth	Drive Axle	Jun-20-2003	Jun-24-2003	Carl Meyer	<u>View</u>	Extension	✓	□	□
AE0007391DA	Kenworth	Drive Axle	Jun-20-2003	Jun-24-2003	Carl Meyer	<u>View</u>	Extension	✓	□	□
AE0007389DA	Kenworth	Drive Axle	Jun-20-2003	Jun-24-2003	Carl Meyer	<u>View</u>	Extension	✓	□	□
AE0007390DA	Kenworth	Drive Axle	Jun-20-2003	Jun-24-2003	Carl Meyer	<u>View</u>	Extension	✓	□	□
AE0007388DA	Kenworth	Drive Axle	Jun-19-2003	Jun-24-2003	Carl Meyer	<u>View</u>	Extension	✓	□	□
AE0007381DA	Kenworth	Drive Axle	Jun-19-2003	Jun-24-2003	Carl Meyer	<u>View</u>	Extension	✓	□	□
AE0007378DA	Kenworth	Drive Axle	Jun-19-2003	Jun-24-2003	Carl Meyer	<u>View</u>	Extension	✓	□	□
AE0007350SA	Kenworth	Steer Axle	Jun-19-2003	Jun-24-2003	Carl Meyer	<u>View</u>	Extension	✓	□	□
108	110	112	114	116	118	120	120	120	120	120

FIG. 16

16/16



Engineer Section

?

Help

Search Results (118)

Application No	Company	Category	Engineer	Application Received Date	Status
AE00075189DA	124 Freightliner	126 Drive Axle	128 Dick Joslin	16-Jul-2003	132 APPROVED
AE00075140DA	Freightliner	Drive Axle	Dick Joslin	15-Jul-2003	REJECTED
AE00075100DA	Freightliner	Drive Axle	Dick Joslin	15-Jul-2003	APPROVED
AE00075080DA	Freightliner	Drive Axle	Dick Joslin	15-Jul-2003	APPROVED
AE00075060DA	Freightliner	Drive Axle	Dick Joslin	14-Jul-2003	APPROVED
AE00074860DA	Freightliner	Drive Axle	Dick Joslin	9-Jul-2003	APPROVED
AE00074840DA	Freightliner	Drive Axle	Dick Joslin	8-Jul-2003	APPROVED
AE00074750DA	Freightliner	Drive Axle	Dick Joslin	8-Jul-2003	APPROVED
AE00074810DA	Freightliner	Drive Axle	Dick Joslin	8-Jul-2003	APPROVED
AE00074720DA	Freightliner	Drive Axle	Dick Joslin	7-Jul-2003	APPROVED

>>

138

FIG. 17